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In the Specification:

Please add the following Abstract to the Specification:

ABSTRACT

Systems and methods receive a digital signal and generate an analog signal indicative thereof. In one embodiment, a system includes a DAC that receives a multi-bit digital signal, generates at least two analog signals each indicative of the value of the multi-bit digital signal, and filters two or more of the at least two analog signals. In another embodiment, a system includes a DAC that receives digital input signals at an input data rate and outputs analog signals indicative of the digital signals to a signal conditioning stage at an output data rate different than the input data rate.